3(7) SOV/5o-59-2-19/25

AUTHOR: Kryzhanovskaya, A. B.

TITLE: Setup of Hydrological Investigations in the People's Republic of Poland (Organizatsiya gidrologicheskikh issledovaniy v Pol'skoy Narodnoy Respublike)

PERIODICAL: Meteorologiya i gidrologiya, 1959, Nr 2, pp 58 - 61 (USSR)

ABSTRACT: The Committee on the Water Economy of the Polish Academy of Sciences (Chairman Professor E. Czetwiertynski, consultant in the field of hydrology Professor K. Dębski) has supplied the data for the plan of the development of the Polish water economy, which is to take place in the years up to 1975. In order to regulate and distribute the water supply equally both in regard of time and region, reservoirs with an aggregate capacity of 9000000000 cu m will be constructed in those areas in which the supply exceeds the demand. In 1945 the State Hydrometeorological Institute (SHI), which was then headed by Doctor Matuslewicz, was established in Warsaw. From 1949 to 1953 the Institute was in the charge of [illegible], its present director (since 1953) is Pro-

Card 1/4

fessor W. Okołowicz . The SHI has the following departments: departments of networks and documentation, hydrology, meteorology, forecasts, oceanography (at Gdynya), and economy. Beside the central department of hydrology at Warsaw there are seven hydrometeorological departments in the major cities of the country. There are about 1300 hydrological stations in Poland. The department of hydrology of the SHI is in the charge of Z. Mikulski . Observations of the levels and water supplies made in the course of many years (Head Z. Kenig) showed that in the various sections of the rivers Vistula and San great losses in water supply occur. This fact found by an analysis was confirmed by an investigation made in 1956-58. T. Vavro suggested an empirical formula for the determination of the turbidity of the Vistula. The water balances of the individual basins is now being established (V. Stefan, Head of the Sector of Water Balance). The Sector of Limnology (Head T. Chomiak) is studying the forming of swamp at the Rożnow reservoir. A hydrometeorological observatory is being built at Mikołajki. The forecast department of the Warsaw SHI (Head

V. Parczewski , consultant of the sector of hydrological forecasts, Professor J. Lambor is establishing short-range forecasts of the water level of the middle and lower Vistula. Short-range forecasts of the water level of the upper Vistula in the mountainous region are being established by Professor Lambor (in consideration of the losses) and at the SHI department at Cracow (Head A. Lewinski). Furthermore long-range forecasts for the monthly changes in the water level of the Vistula near Warsaw are established for the time when the river is not ice-bound. Z. Kaczmarek is studying the application of methods from the field of mathematical statistics to hydrological problems. The scientific bases for hydrological calculations, and in particular methods for the determination of the various factors affecting the water balance have been developed for years under the supervision of Professor Lebski . At the Main School of Agriculture and at the Institute for Amelioration and Green Spaces (Professor J. [illegible], Docent Z. Sochon) the moisture content of the soil and the evaporation at the surface are

being studied. The Geographical Institute of the Academy of Sciences (Professores M. Klimaszewski and R. Galon) cooperates with the Geography Departments of the Warsaw, Cracow, and Torun Universities in drawing up a hydrographical map of the individual regions of Poland. A bibliography of the various periodicals and books is also given. There are 14 references.

KRYZHANOVSKAYA, A.B.

Results of the use of indices of atmospheric processes in long-range runoff forecasts. Trudy GGO no.111:179-181 '61. (MIRA 15:1)
(Runoff)

VISHNEVSKIY, Palladiy Fedorovich[Vyshnevs'kyi, P.F.]; DROZD, Nafanail Iosipovich; ZHELEZNYAK, Iosif Aronovich; KRYZHANOVSKAYA, Ariada Borisovna[Kryzhanivs'ka, A.B.]; KUBYSHKIN, Georgiy Pimenovich[Kubyshkin, H.P.]; LYSENKO, Klara Arkhipovna; MOKLYAK, Vladislav Ivanovich; CHIPPING, Galina Aleksandrovna [Chippinh, H.O.]; SHVETS, Grigoriy Ivanovich[Shvets, H.I.]; PECHKOVSKAYA, O.M.[Pechkovs'ka, O.M.], red.izd-va; RAKHLINA, N.P., tekhn. red.

[Hydrologic calculations for rivers of the Ukraine]Gidrologichni rozrakhunky dlia richok Ukrainy; pry vidsutnosti sposterezhen'. [By]P.F.Vyshnev'kyi ta inshi. Kyiv, Vyd-vo Akad.nauk URSR, 1962. 385 p. (MIRA 16:2)

(Ukraine--Rivers)

KRYZHANOVSKAYA, A. B., kand. tekhn. nauk

Hydrological Conference. Vest. AN SSSR 33 no.1:89-90 Ja '63.
(MIRA 16:1)

(Hydrology--Congresses)

KRYZHANOVSKAYA, A.B.

Irregularity of snow deposition and its calculation in determining snow reserves. Trudy UkrNIGMI no.51:47-52 '65.

Meteorological conditions of effective thaws and water yields from snow. Ibid.:87-94 (MIRA 18:9)

KRYZHANOVSKAYA, Alla Sergeyevna, arkhitektor; MANUCHAROVA, N.D., redaktor; MARTSENYUK, Ya., redaktor; ZHILENKOVA, [illegible]., tekhnicheskiy redaktor.

[Home furniture; a collection of designs] Mebel' dlia zhil'ia; al'bom proektov. Izd. 2-oe, ispr. i dop. Sost. A.S.Kryzhanovskaia. Pod obshchei red. N.D.Manucharovoi. Kiev, 1955. 165 p. (MLRA 9:5)

1.Akademiya arkhitektury URSR, Kiyev.Institut khudozhnoi promyshlennosti.

(Furniture--Catalogs)

AKHTEROV, Iosif Samoylovich, arkhitektor-khudozhnik; MILETITSKAYA, Feofaniya Romanovna, arkhitektor; SAPOZHNIKOV, Vladimir Vasil'yevich, inzh.; SVESHNIKOV, Oleg Aleksandrovich, kand. arkhitektury. Prinimali uchastiye: KRYZHANOVSKAYA, A.S., arkhitektor; ZAGAL'SKAYA, O.A., khudozhnik. MAL'CHEVSKIY, V., red.-sostavitel'; GARKAVENKO, L., tekhn.red.; GRISHKO, T., tekhn.red.

[Home furniture; design and construction manual] Mebel' dlia zhil'ia; posobie po proektirovaniiu. Kiev, Gos.izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 295 p.
(MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury USSR. Institut arkhitektury sooruzheniy.
(Furniture)

KOSYAK, Ye.L.; KRYZHANOVSKAYA, A.S.; MILYATITSKAYA, F.R.; SVESHNIKOV, O.A.

Standardization of the basic dimensions for furniture. Der. prom. 10 no.7:1-4 Jl '61. (MIRA 14:7)

1. Nauchno-issledovatel'skiy institut arkhitektury sooruzheniy Akademii stroitel'stva i arkhitektury USSR.
(Furniture--Standards)

IL'YUCHENOK, T.Yu., kand. med. nauk; ISKAREV, N.A., kand. med. nauk; KORABLEV, M.V., kand. med. nauk; REUT, N.A., kand. med. nauk; YAKIMOVICH, L.A., kand. med. nauk; KHOMICH, N.V., assistent; SHADURSKIY, K.S., prof.; KRYUKOVSKAYA, B., red.; YERMOLENKO, V., tekhn. red.

[Manual on prescriptions] Rukovodstvo po retsepture. Izd. 3., ispr. i dop. Minsk, Izd-vo "Belarus'," 1963. 178p.
(MIRA 17:2)

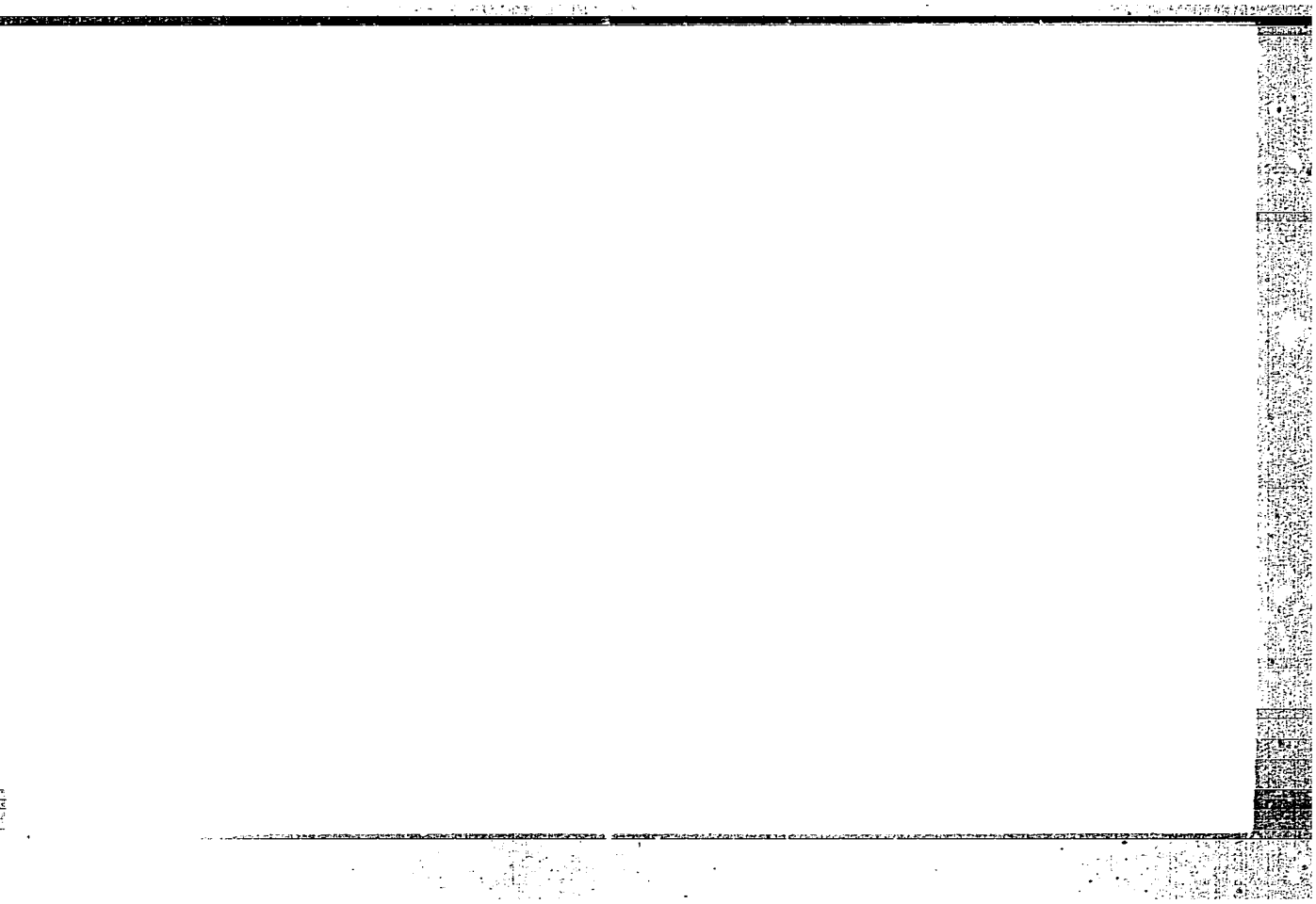
ARKHANGORODSKIY, L.A.; BUKSHTEYN, Ya.A.; VOROB'YEV, S.V.; GAYENKO, P.A.; DOLGOV, Ye.N.; ZHIGLIN, A.A.; ZUBOVSKIY, G.P.; ISHKOV, I.G.; KRYZHANOVSKAYA, G.L.; LISTRATOV, A.A.; LUR'YE, R.I.; MOROZOV, N.P.; OSTROZETSER, A.S.; PAVLOV, N.A.; PETROV, L.M.; POPOV, V.N.; TARTAKOVSKIY, I.A.; TAUBE, D.N.; KHANIN, L.T.; SHAPIRO, TS.S.; SHVAYTSBURG, Ya.A.; SHEVTSOV, V.D.; DENISENKOVA, L.M., red.

[Assembler's handbook on performing mechanical assembly and special work on grain elevators and grain processing enterprises] Spravochnik montazhnika; po proizvodstvu mekhanomontazhnykh i spetsial'nykh rabot na elevatorakh i predpriiatiiakh po pererabotke zerna. Moskva, TSentr. in-t nauchno-tekhn. informatsii i tekhniko-ekon. issl., 1963. 519 p. (MIRA 17:7)

KRYZHANOVSKAYA, I. A.

"Calcining Processes of Alkaline Oxides Contained in Dolomite in Connection With Data on Phase Equilibria." Cand Tech Sci, Khar'kov Polytechnic Inst, Khar'kov, 1954. (RZhKhim, No 3, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920009-5"

KRYZHANOVSKAYA, I., kand.tekhn.nauk; BLOKH, K., inzh.

Local cements made of slags and soda industry wastes. Stroi. mat. 4 no.8:25-26 Ag '58. (MIRA 11:9)
(Cement)

STREIKOV, M. [Strilkov, M.], kand.tekhn.nauk; KRYZHANOVSKAYA, I. [KRYZHANIVS'KA, I.], kand.tekhn.nauk; SYRKIN, Ya., kand.tekhn. nauk; BLOKH, K., inzh.; DOLZHKOVA, G. [Dolzhkova, H.], inzh.

Colored slag cements. Bud.mat.i konstr. 2 no.1:31-32 F '60. (MIRA 13:6)

(Slag cement)

STRELKOV, M.I.; KHYZHANOVSKAYA, I.A.; SYRKIN, Ya.M.; KIRYAYEVA, E.Ye.; ZDOROV, A.I.

Continuous preparing of raw mixes is the basis for the organization of an automatically controlled concrete plant. TSement 26 no.5:14-18 S-O '60. (MIRA 13:10)

(Cement plants) (Automation)

KRYZHANOVSKAYA, I.A.; PANARINA, A.A.

Reducing the moisture in cement-raw material slurry by introducing diluents from wastes in the production of ozocerite. Trudy IUzhgiprotsementa no.5:33-40 '63. (MIRA 17:12)

SYRKIN, Ye.M.; [illegible], I.A.; [illegible], Ye.I.; [illegible], G.V.; BLOKH, E.B.; KIRYAZHEVA, E.Ye.

Raw material base and flow diagram for the manufacture of white cement at the Zdolbunov Cement Plant. Trudy Ukrgiprotsementa no.6:3-11 '64. (MIRA 17:12)

KRYZHANOVSKAYA, I.A., kand.tekh.nauk; MIRAK'YAN, V.M., inzh.; SHOKOTOVA, B.G., inzh.; KHOLODNYY, A.G., inzh.

Hydration of clinker alkali minerals. TSement 31 no.5:10-11 S-O '65. (MIRA 18:10)

1. Vsesoyuznyy institut po proyektirovaniyu i nauchno-issledovatel'skim rabotam "Yuzhgiprotsement".

KRYZHANOVSKAYA, I. I.

Name: KRYZHANOVSKAYA, I. I.

Dissertation: Toward an evaluation of the curative action of vitamin B_1 in chronic deficiency of blood circulation in the light of study of metabolic processes

Degree: Doc Med Sci

Defended at Publication: Khar'kov Medical Inst

~~Defense~~ Date, Place: 1956, Khar'kov

Source: Knizhnaya Letopis', No 47, 1956

KRYZHANOVSKAYA, I. I. Doc Med Sci -- (diss) "Evaluating the Therapeutic Effect of Vitamin B_1 With Regard to Chronic Insufficiency of Blood Circulation From the Standpoint of the Study of Metabolic Processes." Khar'kov, 1957. 20 pp 21 cm. (Min of Health Ukrainian SSR, Khar'kov Medical Inst), 200 copies (KL, 25-57, 117)

USSR / Human and Animal Physiology. Blood Circulation. T-4

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3378

Author : Kryzhanovskaya, I. I.
Inst : Dnepropetrovsk Medical Institute
Title : Effect of a Compound and Vitamin B_1 Therapy on the Character of the Electrocardiagram

Orig Pub : Sb. nauchn. rabot. Dnepropetr. med. in-t, 1956, 1, 189-191

Abstract : Of a total of 51 patients with cardiovascular diseases and manifestations of cardiac insufficiency, 43 patients were treated with cardiac preparations and vitamin B_1, 8 patients received vitamin B_1 alone (20 mg intravenously in the course of 14 - 18 days). Under the effect of B_1, an increase in voltage, levelling of the ECG waves, normalization of the systolic index and, in some cases, slowing of the pulse were noted. When treated with

Card 1/2

USSR / Human and Animal Physiology. Blood Circulation. T-4

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3378

cardiac preparations and vitamin B_1, positive results were observed in cardio-pulmonary syndrome, thyrotoxicosis, adiposity. In cardiosclerosis, organic heart defects, and hypertensive disease, improvement was noted in only a small number of patients. -- I. I. Sandalova

Card 2/2

KRYZHANOVSKAYA, I.I., prof.; ROGACHEVSKIY, L.O., dotsent; SHULAYEVA, Ye.V.

Characteristics of diffuse nephritis in endocarditis lenta. Vrach. delo no.10:11-14 O '62. (MIRA 15:10)

1. Gospital'naya terapevticheskaya klinika (zav. - prof. I.I. Kryzhanovskaya) Dnepropetrovskogo meditsinskogo instituta.
(KIDNEYS--DISEASES) (ENDOCARDITIS)

KRYZHANOVSKAYA, I.I., prof.; DMITRICHENKO, V.P.; LUK'YANETS, N.V.

Hemodynamic indicators and gases in the blood of patients with chronic nonspecific pulmonary diseases. Vrach.delo no.3:11-16 Mr '63. (MIRA 16:4)

1. Kafedra gospital'noy terapii (zav. - prof. I.I.Kryzhanovskaya) Dnepropetrovskogo meditsinskogo instituta.
(BLOOD--EXAMINATION) (LUNGS--DISEASES)

KRYZHANOVSKAYA, I.V.

Hemorrhages into the lymph nodes. Sud.-med.ekspert. 3 no.4:7-10 O-D '60. (MIRA 13:11)

1. Kafedra sudebnoy meditsiny (zav. - dotsent I.V.Kryzhanovskaya) Chernovitskogo meditsinskogo instituta.
(LYMPHATICS)
(HEMORRHAGE)
(MEDICAL JURISPRUDENCE)

BRESLAVETS, L.P.; MILESHKO, Z.F.; KRYZHANOVSKAYA, L.M.

Changes in the pollen grains of rye plants exposed to continuous gamma irradiation. Radiobiologiia 1 no.1:128-134 '61. (MIRA 14:7)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(PLANTS, EFFECT OF GAMMA RAYS ON) (POLLEN)

TSARIKOVSKAYA, N.G., kand. med. nauk.; ERESLAVSKIY, A.S., kand. med. nauk.; KHYZHANOVSKAYA, M.V., kand. med. nauk. (Khar'kov)

Relation of endemic goiter in the population of the Lisichansk-Rubezhansk industrial region to factors in the external environment. Probl. endokr. i gorm. 4 no.5:97-105 S-O '58. (MIRA 11:12)

1. Iz klinicheskogo otdela (zav. - prof. M.A. Kopelovich) i gistofiziologicheskogo otdela (zav. - prof. B.V. Aleshin) Ukrainskogo instituta eksperimental'noy endokrinologii (dir. - kand. med. nauk S.V. Maksimov) i Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy gigiyeny (dir. - doktor med. nauk D. N. Kalyuzhyy).

(WATER SUPPLY,
iodine & other chem. factors in indust. areas, relation to endemic goiter incidence (Rus))

KRYZHANOVSKAYA, M.V., kand.med.nauk

Establishing hygienic standards for the length of the heating season. Gig. i san. no. 10:101-102 O '60. (MIRA 13:12)

1. Iz kafedry kommunal'noy gigiyeny Kiyevskogo meditsinskogo instituta.

(HEATING--HYGIENIC ASPECTS)

KRYZHANOVSKAYA, M.V., kand.med.nauk (Kiyev)

Role of industrial waste in the development of allergic diseases. Vrach. delo no.11:111-113 N'63 (MIRA 16:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut kommunal'noy gigiyeny.

KALYUZHNYY, D. N., prof.; KRYZHANOVSKAYA, M. V., kand. med. nauk (Kiyev)

Fourteenth All-Union Congress of Hygienists and Sanitary Physicians. Vrach. delo no.7:138-141 Jl '62.
(MIRA 15:7)

1. Chlen-korrespondent AMN SSSR (for Kalyuzhnyy).

(PUBLIC HEALTH—CONGRESSES)

KRYLOV, A. N.

Technology

Academician A. N. Krylov; bibliographical index. (Leningrad) Gos. izd-vo sudostroit. lit-ry, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

VEL'TMAN, R.P.; ZHUKOVSKIY, L.I.; PONOMAREV, L.Ye.; VEMYAN, A.Zh.; BENENSON, M.P.; ZALMANENOK, V.S.; KRUPENKO, T.I.; BABICH, Z.Ye.; GUTMAN, L.B.; ALIMOV, T.U.; YAKUNIN, P.N.; KRYZHANOVSKAYA, N.L.; AKSEL'DORF, A.L.; MUSINA, S.A.; KLEYF, A.D.; LUTSEVICH, E.V.; LEVINSON, O.S.; TURBINA, N.S.

Brief reports. Sov. med. 28 no.10:144-148 O '65.
(MIRA 18:11)

1. Kiyevskiy institut tuberkuleza i grudnoy khirurgii (for Vel'tman, Zhukovskiy). 2. 3-ya kafedra khirurgii TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva (for Ponomarev, Vemyan, Benenson). 3. Kafedra propedevticheskoy terapii Grodnenskogo meditsinskogo instituta i 1-ya klinicheskaya bol'nitsa imeni Solov'yeva, Grodno (for Zalmanenok, Krupenko). 4. Ukrainskiy nauchno-issledovatel'skiy institut okhrany materinstva i detstva imeni Buyko, Kiyev (for Babich, Gutman). 5. Klinika gospital'noy khirurgii Andizhanskogo meditsinskogo instituta (for Alimov). 6. Kafedra voyenno-polevoy terapii Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova, Leningrad (for Mitropol'skiy, Latysh, Murchakova). 7. Kafedra urologii I Moskovskogo ordena Lenina meditsinskogo instituta (for Aksel'dorf). 8. 4-ya infektsionnaya klinicheskaya bol'nitsa Ufy (for Musina). 9. Chernovitskaya detskaya oblastnaya klinicheskaya bol'nitsa (for Kleyf). 10. Klinika obshchey khirurgii lechebnogo fakul'teta I Moskovskogo meditsinskogo instituta imeni Sechenova i patologoanatomicheskoye otdeleniye klinicheskoy bol'nitsy No.23 imeni Medsantrud, Moskva (for Lutsevich, Levinson). (Cont. next card)

VEL'TMAN, R.P.; (Continued) Card 2:

11. Gematologicheskaya klinika TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi, Moskva (for Turbina).

VOLKOVA, V.G.; KALIZHNIKOVA, A.I.; KRYZHANOVSKAYA, S.V.; SERGACHEVA, L.P.

Results of a study on the sensitivity of gram-positive coccal microflora to antibiotics. Report No.1. Trudy LSGMI 66:146-150 '62. (MIRA 17:4)

1. Kafedra mikrobiologii (zav. kafedroy - prof. M.N.Fisher) i TSentral'naya bakteriologicheskaya laboratoriya (zav. laboratoriyey - A.I.Kalizhnikova) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

VOLKOVA, V.G.; KALIZHNIKOVA, A.I.; KRYZHANOVSKAYA, S.V.; SERGACHEVA, L.P.

Results of a study on the sensitivity of gram-negative bacilliform microflora to antibiotics. Report No. 2. Trudy LSGMI 66:151-156 '62. (MIRA 17:4)

1. Kafedra mikrobiologii (zav. kafedroy - prof. M.N.Fisher) i TSentral'naya bakteriologicheskaya laboratoriya (zav. laboratoriyey - A.I.Kalizhnikova) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

CHERNYY, G.I., kand. tekhn. nauk; KRYZHANOVSKAYA, T.A., kand. tekhn. nauk

Stability of the slopes of cave-ins in the Belozerka iron ore deposit. Nauch. zap. Ukrniiproekta no.10:43-47 '63.
(MIRA 17:6)

KRYZHANOVSKAYA, T.A.; CHERNYY, G.I., kand.tekhn.nauk; YARMOLYUK, V.T.

Lining mine shafts in conditions of the Belozerka iron ore deposit. Met. i gornorud. prom. no.2:49-51 Mr-Ap '64. (MIRA 17:9)

SOV/124-57-5-5996

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 5, p 142 (USSR)

AUTHOR: Kryzhanovskaya, T. A.

TITLE: The Interrelationship Between the Prevailing Rock Pressure and the Rock Shifting Associated With the Digging of Horizontal Underground Mine Workings (Vzaimosvyaz' sdvizheniya i davleniya gornykh porod pri provedenii gorizontal'nykh gornykh vyrabotok)

PERIODICAL: Izv. Kiyevsk. politekhn. in-ta, 1956, Vol 17, pp 277-308

ABSTRACT: Results are given of experimental and theoretical investigations made of the interrelationship between the rock pressure prevailing in the immediate vicinity of horizontal underground mine workings and the shifts that occur in the rock enclosing such mine workings. The rock-shift parameters were studied experimentally on mine-in-ground models subjected to the controlled vibrations of a vibrator device; to depict theoretically the rock-shifting process, the author uses a system of equations for the motion of a heavy, viscous, incompressible medium. Formulas are given for determining the distance traveled by a given point in rock involved in vertical and horizontal shifts as a function of: 1) the total volume of rock removed in the initial

Card 1/2

SOV/124-57-5-5996

The Interrelationship Between the Prevailing Rock Pressure (cont.)

excavation and subsequent mining operation; 2) the location of the reference point; 3) the viscosity of the rock involved; 4) the computed average of the recorded lengths of time that shifts are in progress. In addition, expressions are given for calculating the sag of both unsupported and prop-supported roofs, and for calculating the ultimate bearing reaction of a prop. An example is given wherein the pressure of the rock on a mine's support timbering is calculated. Bibliography: 13 references.

I. V. Fedorov

Card 2/2

KRYZHANOVSKAYA, T.A., Cand Tech Sci--(diss) "Study of the problem of pressure of ~~mountain~~ rocks up on the ~~strength of horizontal developments~~ supports of level workings on the basis of the theory of ~~tensile~~ elastic-plastic flow." Khar'kov, 1958. 20 pp (Min of Higher Education UkSSR. Khar'kov Mining Inst), 100 copies (KL,26-58, 110)

-74-

KRYZHANOVSKAYA, T. A.; CHERNYY, G. I., kand. tekhn. nauk;
NESTEROV, P. G., inzh.

Selecting a system for mining the Belozerka iron ore deposit.
Met. i gornorud. prom. no.1:38-42 Ja-F '63.
(MIRA 16:4)

(Belozerka(Zaporozh'ye Province)—Iron mines and mining)

KRYZHANOVSKAYA, V. V.

USSR/Zooparasitology - Ticks and Insects (Disease Transmitters) P-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70177

Author : Kryzhanovskaya, V.V.
Title : Mammals as Tic Hosts in the Tomsk Nidus of Tic Encephalitis

Orig Pub : Tr. Tomskogo n.-i. in-ta vaksin i syvorotok, 1956, 7, 38-42

Abstract : On the composition of the animal fauna- hosts of Ixodes persulcatus in the nidus of tic encephalitis, located in the well populated by man sub-Siberian zone. It was established that there are no adult hosts for ticks among wild animals, and hosts for nymph and larvae are mainly insect-eating and mouse-like rodents.

Card 1/1

- 27 -

LOGANZEN, B.G.; KRYZHANOVSKAYA, V.V.; LAPTEV, I.P.; POSPELOVA, V.M.; TITOVA, S.D.

Zoological research in Western Siberia during the years of Soviet rule. Izv. Sib. otd. AN SSSR no.6:116-125 '58. (MIRA 11:9)

1.Tomskiy gosudarstvennyy universitet.
(Siberia, Western--Zoological research)

KALYUZHNYY, D.K., prof., otv.red.; GORODETSKIY, A.S., kand.med.nauk, red.; IZDEBSKIY, A.M., kand.med.nauk, red.; KVITNITSKAYA, N.N., kand. med.nauk, red.; KRYZHANOVSKAYA, V.V., kand.med.nauk, red.; MARTYNYUK, V.Z., prof., red.; PETROV, Yu.L., kand.med.nauk, red.; POZNANSKIY, S.S., kand.med.nauk, red.; STOVBUN, A.T., kand.med. nauk, red.; SHMAL', D.D., kand.med.nauk, red.; POTOTSKAYA, L.A., tekhred.

[Hygienic study and improvement of the environment] Gigienicheskoe izuchenie i ozdorovlenie vneshnei sredy. Kiev, Gos.med.izd-vo USSR, 1959. 331 p. (MIRA 13:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut kommunal'noy gigiyeny. 2. Predsedatel' Problemnoy komissii Ministerstva zdravookhraneniya USSR (for Kalyuzhnyy).
(PUBLIC HEALTH)

KRYZHANOVSKAYA, V.V., kand.med.nauk; YAKOVENKO, G.I., kand.med.nauk; KYZHENKO, G.M.

Physiological and hygienic benefit of morning walks for children. Vrach. delo no.6:121-123 Je '61. (MIRA 15:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut kommunal'noy gigiyeny.
(CHILDREN--CARE AND HYGIENE) (WALKING)

KRYZHANOVSKAYA, V.V.

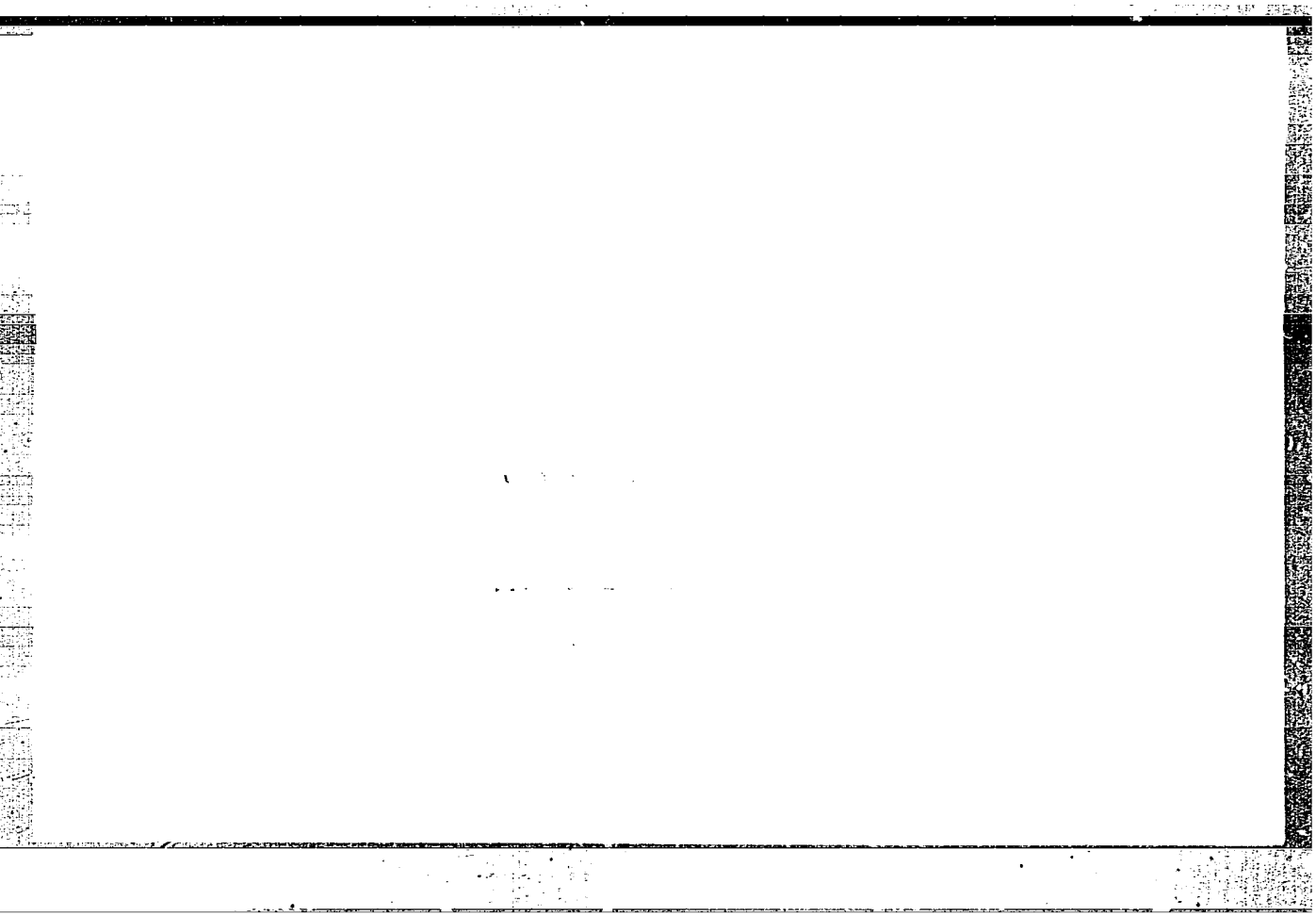
Atypical forms of the manic-depressov psychosis and their delimitation from schizophrenia. Trudy Gos.nauch.-issl.inst.psikh. 27:55-59 '61. (MIRA 15:10)

1. Moskovskaya klinicheskaya psikhonevrologicheskaya bol'nitsa No.4 imeni Gannushkina. Glavnyy vrach - V.N.Rybalka. Nauchnyy rukovoditel' - prof. S.G.Zhiolin.
(MANIC-DEPRESSIVE PSYCHOSES) (SCHIZOPHRENIA)

KRYZHANOVSKAYA, Ye.F.

Electrophysiological examination of afferent impulses from the uterine receptors following the action of ovarian hormone preparations. Fiziol. zhur. 50 no.1:106-111 Ja '64. (MIRA 18:1)

1. Laboratoriya normal'noy i patologicheskoy fiziologii Instituta akusherstva i ginekologii AMN SSSR, Leningrad.



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920009-5"

KRYZHANOVSKAYA, Ye. S. Cand Med Sci -- (diss) "Effect of qualitatively varied nutrition upon the composition of human milk." Kiev, 1957. 15 pp (Kiev Order of Labor Red Banner Med Inst im Academician A. A. Bogomolets), 100 copies (KL, 4-58, 86)

KRYZHANOVSKAYA, Ye. S.

Role of nutrition in the improvement of lactation in nursing mothers [with summary in English]. Pediatriia 36 no.6:81-83 Je '58 (MIRA 11:6)

1. Iz kafedry gigiyeny pitaniya (zav. - prof. I.P. Barchenko) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni akad. A.A. Bogomol'tsa (dir. - dotsent I.P. Alekseyenko).

(LACTATION, physiol.
eff. of nutrition (Rus))
(NUTRITION, eff.
on lactation (Rus))

BARCHENKO, I.P.; KRYZHANOVSKAYA, Ye.S.

Effect of nutrition on lactating capacity of nursing mothers.
Zhur.ob.biol. 20 no.2:40-44 Mr-Ap '59. (MIRA 12:5)

1. Iz kafedry gigiyeny pitaniya (zav. - prof. I.P.Barchenko) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni akademika A.A.Bogomol'tsa.
(DIETS, effects,
on lactation in nursing mothers (Rus))
(LACTATION,
eff. of diets in nursing mothers (Rus))

BARCHENKO, I.P.; KRYZHANOVSKAYA, Ye.S.; MALEVANNAYA, Ye.M.; SKOROPOSTIZHANAYA, A.S.; KOZLOVA, T.P.

Method for determining ammonium dinitroorthocresolate (DINOK) for a comparative sanitary and hygienic examination of plant products treated with it. Vop. pit. 19 no.2:72-75 Mr-Ap '60. (MIRA 14:7)

1. Iz kafedry gigiyeny pitaniya (zav. - prof. I.P.Barchenko) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni akademika A.A.Bogomol'tsa.

(CRESOL)

BARCHENKO, Ivan Petrovich, prof.; CHISTYAKOVA, Aleksandra Matveyevna, dots.; VANKHANEN, Vil'yam Davidovich, kand. med. nauk; KRYZHANOVSKAYA, Yelena Stanislavovna, dots.; Prinimali uchastiye: PETROVSKIY, K.S., prof.; ALEKSANDROVA, N., nauchn. sotr., prepodavatel'; BEDULEVICH, T., nauchn. sotr., prepodavatel'; TURUK-PCHELINA, Z., nauchn. sotr., prepodavatel'; SHARINA, Ye., nauchn. sotr., prepodavatel'; BURSHTEYN, A.I., prof.; SHEVCHENKO, M.G.; STOLMAKOVA, A. [redacted]

[Manual on the vocational training of students in nutritional hygiene] Rukovodstvo k proizvodstvennomu obucheniiu studentov po gigiene pitaniia. 2. izd., ispr. i dop. Kiev, Zdorov'ia, 1965. 221 p. (MIRA 18:7)

1. Zaveduyushchiy kafedroy gigiyeny pitaniya I Moskovskogo meditsinskogo instituta im. I.M.Sechenova (for Petrovskiy). 2. Kafedra gigiyeny pitaniya I Moskovskogo meditsinskogo instituta im. I.M.Sechenova (for Aleksandrova, Bedulevich, Turuk-Pchelina, Sharina). 3. Zaveduyushchiy kafedroy gigiyeny pitaniya Odesskogo meditsinskogo instituta (for Burshteyn). 4. Glavnyy inspektor po gigiyene pitaniya Ministerstva zdravookhraneniya SSSR (for Shevchenko).

LESHCHENKO, P.D., red.; BARCHENKO, I.P., red.; KOLOMEYTSEVA , M.G., red.; KRYZHANOVSKAYA, Ye.S., red.; SHALYA, L.A., red.

[Rational nutrition] Ratsional'noe pitanie. Kiev, Zdorov'ia, 1965. 219 p. (MIRA 18:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut pitaniya.
2. Ukrainskiy nauchno-issledovatel'skiy institut pitaniya (for Leshchenko, Kryzhanovskaya, Shalya).

KRYZHANOVSKAYA, Zinaida Pavlovna; BUKINA, T.B., red.; SHILLING, V.A., red. izd-va; BELOGUROVA, T.A., tekhn. red.

[Dissemination of technical literature in libraries of industrial enterprises] Opyt raboty po propagande tekhnicheskoi literatury bibliotekoi promyshlennogo predpriiatiia. Leningrad, 1961. 22 p. (MIRA 14:7)

(Factory libraries)

KRYZHANOVSKAYA, Ye.F.; GARMASHEVA, N.L., zaveduyushchiy; NIKOLAYEV, A.P., direktor; AYRAPET'YANTS, E.Sh., zaveduyushchiy; BYKOV, K.M., akademik, direktor.

Data for the characteristics of uterine reception. Vop.fiziol.int. no.1:265-272 '52. (MLRA 6:8)

1. Laboratoriya patofiziologii TSentral'nogo instituta akusherstva i ginekologii Akademii meditsinskikh nauk SSSR (for Garmasheva). 2. TSentral'nyy institut akusherstva i ginekologii Akademii meditsinskikh nauk SSSR (for Nikolayev). 3. Laboratoriya interotseptivnykh uslovnykh refleksov Instituta fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Ayrapet'yants). 4. Institut fiziologii im. I.P.Pavlova Akademii nauk SSSR (for Bykov).

(Nervous system) (Uterus)

KRYZHANOVSKAYA, Ye. F.

" Hemoreception of the Uterus of a Cat in Relation to Various Hormone Contents of the Ovaries." Cand Biol Sci, Inst of Physiology imeni I. P. Pavlov, Acad Sci USSR (Apr-Jun 54). (Vest Ak Nauk, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

ANDRIYASHEVA, N.M.; BAKKAL, T.P.; BEKKER, S.M.; BOGDANOV-BEREZOVSKIY, V.V.; BRAUN, A.D.; VASILEVSKAYA, N.L.; GANUSENKO, M.N.; GARMASHEVA, N.L.; DEMICHEV, I.P.; DRIZGALOVICH, S.Ye.; KALININA, N.A.; KORSAKOVA, G.F.; KHYZHANOVSKAYA, Ye.F.; MIROVICH, N.I.; PROROKOVA, V.K.; PUGOVISHNIKOVA, M.I.; RYBKINOVA, L.A.; SVETLOV, P.G.; UTEMOVA, K.D.; KHECHINASHVILI, G.G.; SHVANG, L.I.; GARMASHEVA, N.L., professor, redaktor; RUDAKOV, A.V., redaktor; RULEVA, M.S., tekhnicheskiy redaktor.

[Reflex actions in mother-fetus interrelations] Reflektornye reaktsii vo vzaimootnosheniiakh materinskogo organizma i ploda. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1954. 266 p.(MLRA 7:10)
(Pregnancy) (Embryology)

GARMASHEVA, N.L.; KHYZHANOVSKAYA-KAPLUN, Ye.F.

Data on electrophysiological investigation of unconditioned reactions typical for the period of pregnancy. Fiziol. zhur. 46 no.12:1463-1470 D '60. (MIRA 14:1)

1. Laboratoriya normal'noy i patologicheskoy fiziologii Instituta akusherstva i ginekologii AMN SSSR, Leningrad.
(UTERUS—INNERVATION) (PREGNANCY)

KRYZHANOVSKIY, A.

Agricultural Machinery

Mechanizing the delivery of coarse feed. MTS 13, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

EWT(1) GM

ACC NR: AP6017067 (N) SOURCE CODE: UR/0154/65/000/005/0059/0064

AUTHOR: Butkevich, A. V. (Docent); Kryzhanovskiy, A. A. (Engineer)

ORG: Novosibirsk Institute of Engineers of Geodesy, Aerial Photography and Cartography (Novosibirskiy institut inzhenerov geodezii, aerofotos"yemki i kartografii)

TITLE: Estimating azimuths on the basis of observations of stars vertical to the North Star (by the A. A. Luker'in method)

SOURCE: IVUZ. Geodeziya i aerofotos"yemka, no. 5, 1965, 59-64

TOPIC TAGS: coordinate, astronomic geodesics, aerial photograph, geodetic survey

ABSTRACT: The Luker'in method of determining azimuths, because of its simplicity, is recommended for surveying, railroad, photogrammetry, and artillery purposes. The method of calculating the azimuth using the North Star and auxiliary stars is described, including the calculations for the collimation error and the degree of deviation of coordinates. Some examples of the use of the method are given. Recommended by the Chair of Higher Geodesy, NIIGAiK. Orig. art. has: 4 tables, 1 figure.

SUB CODE: 08,14/ SUBM DATE: 16Dec64/ ORIG REF: 007

UDC: 528. 28. 3

Card 1/1

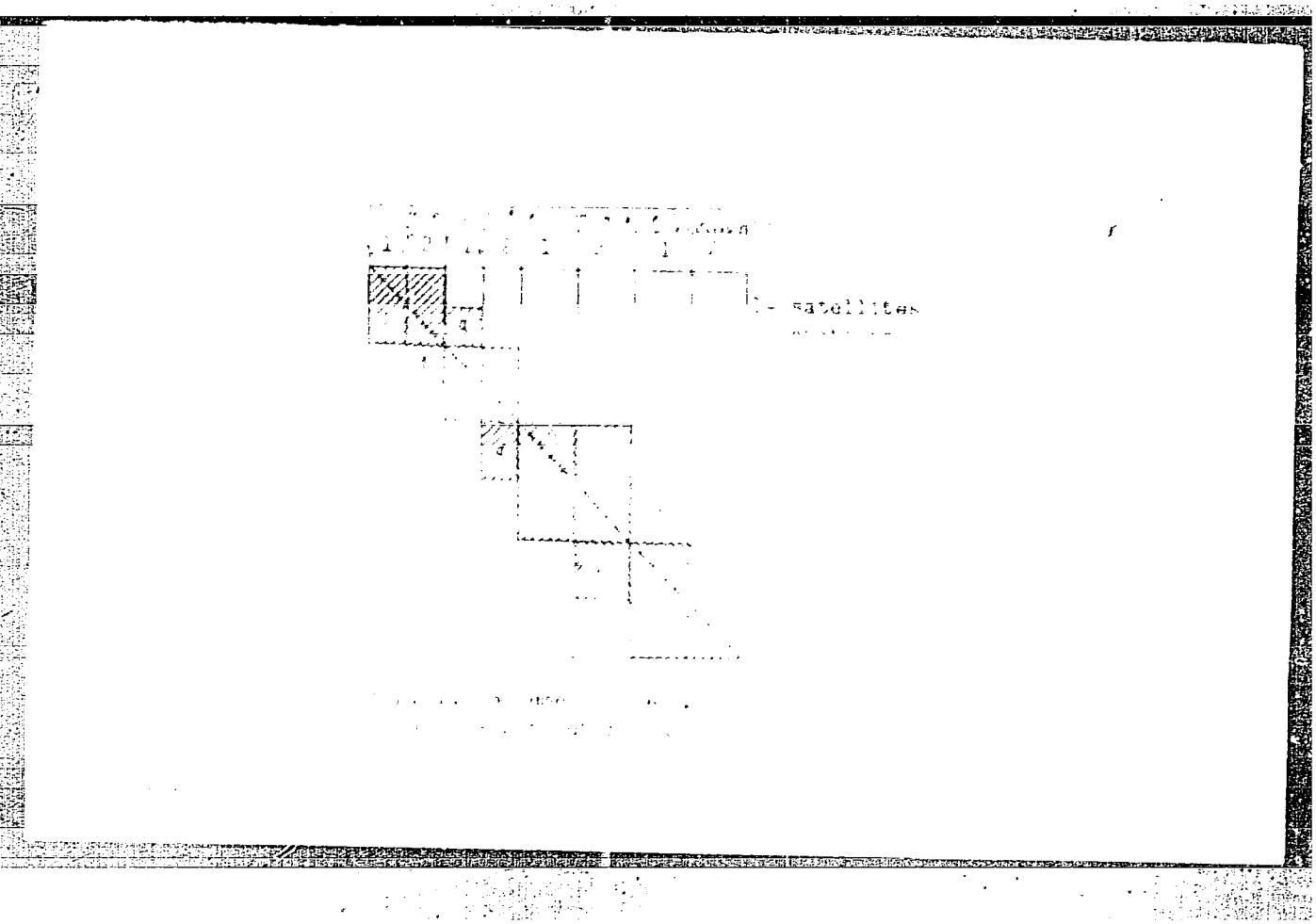
[illegible] without disturbing the validity of the equation. The author considers the approximation proposed by P. A. Gaydayev in his book on methods of least [illegible] to be most suitable for reaching a [illegible]

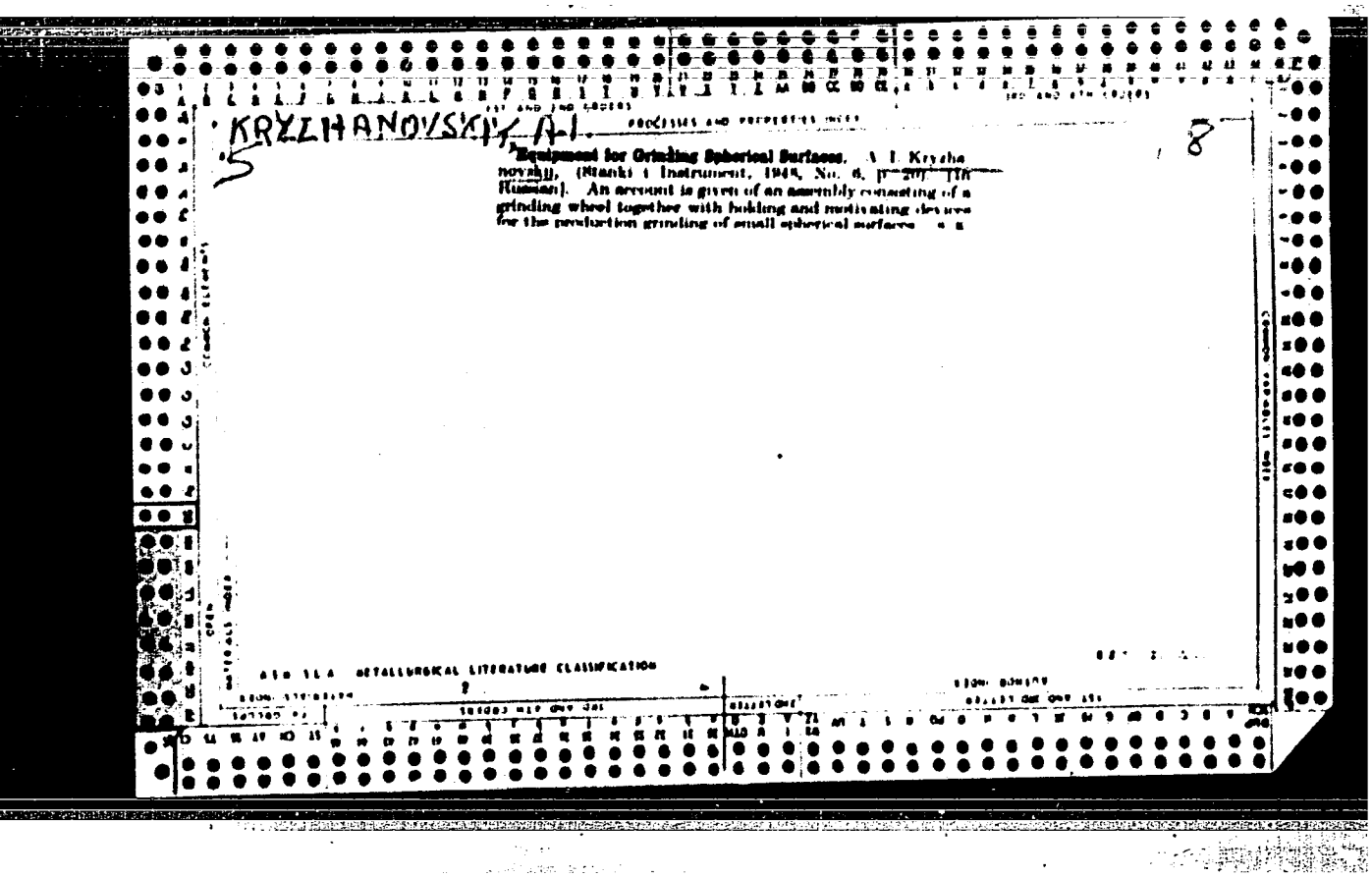
plotted for coordinates of definite stations associated with simultaneous observations from the reference stations. Then, successively, corrections are plotted

ASSOCIATION: none

SUBMITTED: 00 ENCL: 01 SUB CODE: SV

NO REF SOV: 002 OTHER: 000





KRYZHANOVSKY, A. I.

5

8

Equipment for Grinding Spherical Surfaces. A. I. Kryzhanovskii, (Stanki i Instrument, 1948, No. 6, p. 20) (In Russian). An account is given of an assembly consisting of a grinding wheel together with holding and motivating devices for the production grinding of small spherical surfaces.

SHEKHTER, O.Ya.; DIDUKH, B.I.; IOSELEVICH, V.A.; KRYZHANOVSKIY, A.L.

Book reviews and bibliography. Osn., fund.i mekh.grun. 4 no.2:31-32 '62. (MIRA 15:8)
(Bibliography--Soil mechanics)

S/135/61/000/002/007/012
A006/A001

AUTHORS: Pisklich, V. D., Engineer, Kryzhanovskiy, A. L., Kuznetsov, M. P., Bortunov, Ye. M., Burkhan, G. N.

TITLE: Reconditioning of Rolls by Automatic Building-Up

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 2, pp. 28-31

TEXT: The selection of proper conditions for the building-up of rolls is only possible if various method be tested at the same plant using the same rolling mill and rolls. At the Metallurgical Plant imeni Dzerzhinskiy a comparison was made in 1958-59 of results obtained by building-up steel rolls of a 550 roughing stand of the 330 and 260 section mills using alloyed steel wire and conventional welding wire under ceramic flux. The tests were made with the participation of workers of the Plant including G. P. Klimenko, V. P. Latyshev, P. F. Novikov, N. S. Nazarova. The following technology of building-up the rolls was employed: Preheating of the roll at the spot to be built-up to 380-400°C by an electric inductor; temperature control was made with thermopencils composed of 40% nickel carbonate and 60% petroleum paraffin. Building-up was performed under conditions given in Table 1. The sequence of building-up was selected according to the shape of the

Card 1/5

Reconditioning of Rolls by Automatic Building-Up

grovves to the built-up by taking into account the inclined position of the roll. (Figure 2) During the building-up process temperature of the surfaces was maintained at about 380-400°C. The rolls were then cooled in a thermostat for about 12 - 18 hours down to 40 - 60°C. The built-up rolls were subjected to mechanical processing. The chemical composition of the built-up metal was determined (Table 2); wear resistance of the rolls was compared with that of rolls which had not been built-up (Table 3). As a result of the investigations performed it was found that automatic arc building-up of steel rolls under ceramic fluxes was one of the simplest and best available methods for reconditioning the rolls. The use of ceramic fluxes combined with Sv-08 wire, produces built-up metal of high wear resistance. The ceramic fluxes can successfully replace the scarce and expensive high-alloy electrode wires and assure considerable economical advantages. The comparison of some variants of building-up showed the advantage of using ceramic fluxe; building-up with such fluxes is recommended for large-scale production, which is however impeded by the lack of this material produced on a large scale.

S/135/61/000/002/007/012
A006/A001

Reconditioning of Rolls by Automatic Building-Up

Table 1

	Condition parameters of building-up rolls					
Wire grade	30ХГСА (30KhGSA)	60ХГ (60KhG)	Х20Н10Г6 (KH20N10G6)	ЭИ701 (EI 701)	Св-08 (Sv-08)	Св-08 (Sv-08)
Flux type	АН-348 (AN-348)	АН-348 (AN-348	АН-20 (AN-20)	АН-20 (AN-20)	ЖС-320/т (ZhS-320/t)	ЖС-450/т (ZhS-450/t)
Wire diameter in mm	3.5	5	5	3.5	5	5
Current in amps	370-390	700-800	550-600	370-390	550-600	550-600
Arc voltage in v	32-36	36-38	30-32	30-34	28-30	28-30
Wire feed rate in mm/hr	109	56	56	109	37	37
Roll revolution speed in rpm	0.43	0.57	0.57	0.43	0.31 (0.43)	0.31(0.43

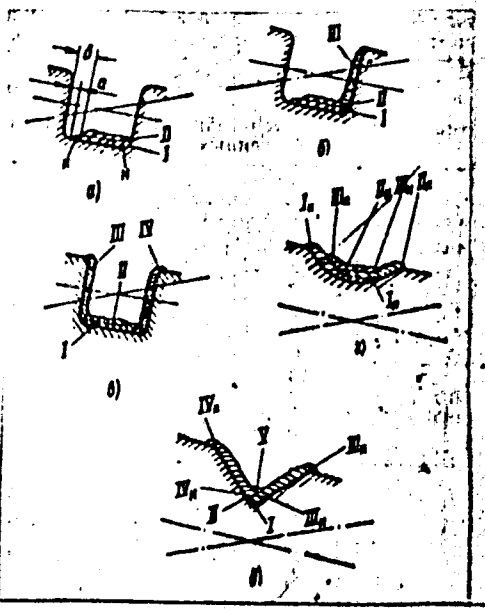
Card 3/5

S/135/61/000/002/007/012
A006/A001

Reconditioning of Rolls by Automatic Building-Up

Figure 2
Schematic drawing of building-up grooves: I_n, II_n etc. are first, second etc. initial beads of built-up metal layers; I_k, II_k etc. are first, etc., final beads, of built-up metal layers.

Figure 2:



Card 4/5

Reconditioning of Rolls by Automatic Building-Up

Table 2

Chemical composition of base, filler and built-up metal

Metal investigated	Material	Chemical composition						
		C	Cr	Mn	Si	Ti	S	P
Bead	55	0.55	0.20	0.60	0.30	-	0.03	0.015
Electrode	-08(Sv-08)	0.09	0.06	0.44	Traces	-	0.05	0.016
Metal built-up under ceramic fluxes	ZhS-320/t	0.28	2.33	2.44	1.52	0.39	0.020	0.025
		0.28	2.20	2.20	1.44	0.34	0.018	0.026
		0.28	2.17	2.30	1.46	0.38	0.020	0.022
	ZhS-450/t	0.73	10.05	3.20	1.44	0.54	0.032	0.009
		0.83	10.65	3.34	1.60	0.56	0.038	0.010
		0.72	10.09	3.08	1.71	0.56	0.023	0.024

There are 4 tables, 5 figures and 4 Soviet references.

ASSOCIATIONS: Zhdanovskiy metallurgicheskiy institut (Zhdanov Metallurgical Institute (Pisklich); Dneprodzerzhinskiy metallurgicheskiy zavod imeni F. E. Dzershinskogo (Dneprodzerzhinsk Metallurgical Plant imeni F. E. Dzerzhinskiy) (Kryzhanovskiy, Kuznetsov, Bortunov, Burkhan)

Card 5/5

MOLOTKOV, L.F.; YUFEROV, V.M.; KRYZHANOVSKIY, A.L.; SHAFRAN, I.K.; DORTUNOV, Ye.M.; SOROCHAN, N.G.; MADZHAR, N.I.; VOROB'YEV, A.F.

Investigating pressures during the rolling of universal strips. Izv.vys.ucheb.zav.; chern.met. 5 no.4:76-81 '62. (MIRA 15:5)

1. Dneprodzerzhinskiy metallurgicheskiy institut i Zavod im. F.E.Dzerzhinskogo.
(Rolling (Metalwork)) (Pressure)

S/137/61/000/002/046/046
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1961, No. 2, p. 63 # 21560

AUTHOR: Kryzhanovskiy, A. V.

TITLE: On the Structure of Electro-Deposited Alloys of the Cu-Sn System

PERIODICAL: "Nauchn. zap. Fiz-matem. fak. Odessk. gos. ped. in-t", 1958, Vol. 22, No. 1, pp. 81-86

TEXT: The author studied the structure of electro-deposited Cu-Sn alloys by the roentgenographical method. He established that the limit solubility of Sn in Cu at room temperature was 14%. The electrodeposited Cu-Sn alloy represents, with in the limits of 14-17.8% Sn, an oversaturated solution of Sn in Cu. The alloy containing 17.8% Sn is a bi-phase one.

Ye. L.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

KRYZHANOVSKIY, B., polkovnik; YAKOVKIN, V., polkovnik

Artillery gives combat support to units. Voen.vest. 40 no.4:32-34 Ap '61. (MIRA 14:7)

(Artillery)

KRYZHANOVSKIY, B.A.

Selecting schemes of control, protection and signaling for synchronous motors with direct start exciters. Energ.biul. no.9:1-7 S '53.
(MLRA 6:8)
(Electric motors, Synchronous)

KRYZHANOVSKIY, B.A.

Work on the automation of gas fields carried out by the Krasnodar Branch of the All-Union Scientific Research and Design and Construction Institute of Overall Automation of the Petroleum and Gas Industries. Gaz. delo no.7:34-37 '65. (MIRA 18:9)

1. Krasnodarskiy filial Vsesoyuznogo nauchno-issledovatel'skogo i proyektno-konstruktorskogo instituta kompleksnoy avtomatizatsii neftyanoy i gazovoy promyshlennosti.

KRYZHANOVSKIY, B.A.; GOLIYEV, A.G.; KARACHUN, F.M.

Selecting a system for automating the processes of feeding antifreeze solutions in gas fields. Gaz. delo no.9:16-20 '65. (MIRA 18:9)

1. Krasnodarskiy filial Vsesoyuznogo nauchno-issledovatel'skogo i proyektno-konstruktorskogo instituta kompleksnoy avtomatizatsii neftyanoy i gazovoy promyshlennosti.

[redacted], B. B.

Kryzhanovskiy, B. B. "Obtaining very strong plaster of Paris by heating under pressure", Mekh. stroit. materialy, 1948, Issue 5, p. 9-16.

SO: U-2888, 12Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

Molding gypsum of increased strength. [illegible]

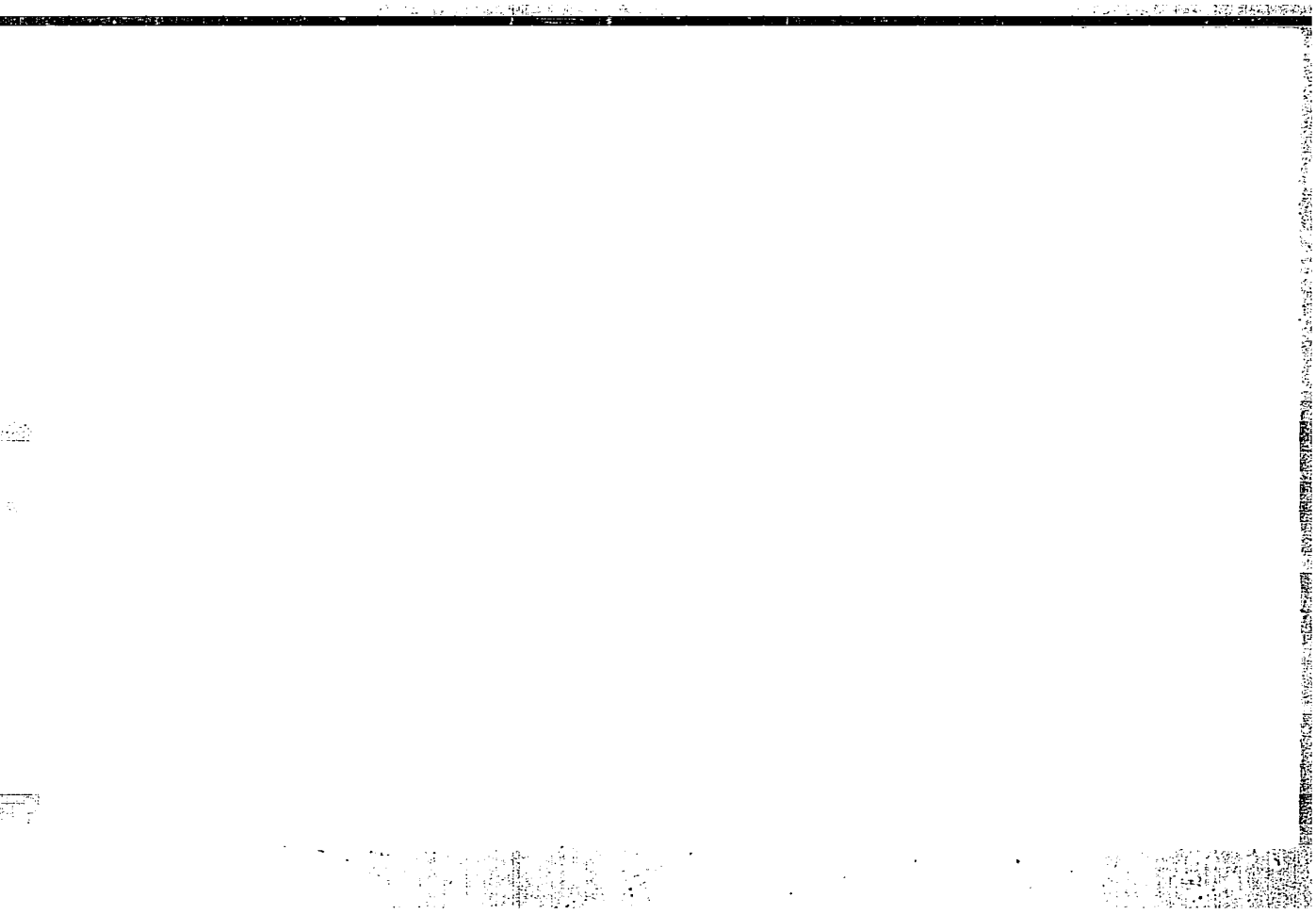
Izvest. Vsesoyuz Nauch.-Issledovatel. Inst. Mineral. Syr'ya (Moscow) 1953, No. 4, 157-66; *Referat. Zhur., Khim.* 1954, No. 31594.—Gypsum was treated in a lab. kettle for 2-5 hrs. at 145-95°. Five hrs. at 150° was the optimum condition for the formation of a coarse-grained hemihydrate. In mixing such gypsum with H_2O, the H_2O:gypsum ratio decreases and the tensile strength increases up to 30 kg./sq. cm. and compressive strength up to 200 kg./sq. cm. The coeff. of linear expansion of the gypsum produced was 0.1-0.26%. Increasing the cooking temp. to 160° or more caused local superheating and the formation of appreciable quantity of sol. anhydrite having a shorter setting period, higher water:gypsum ratio, and lower strength.

M. Hoch

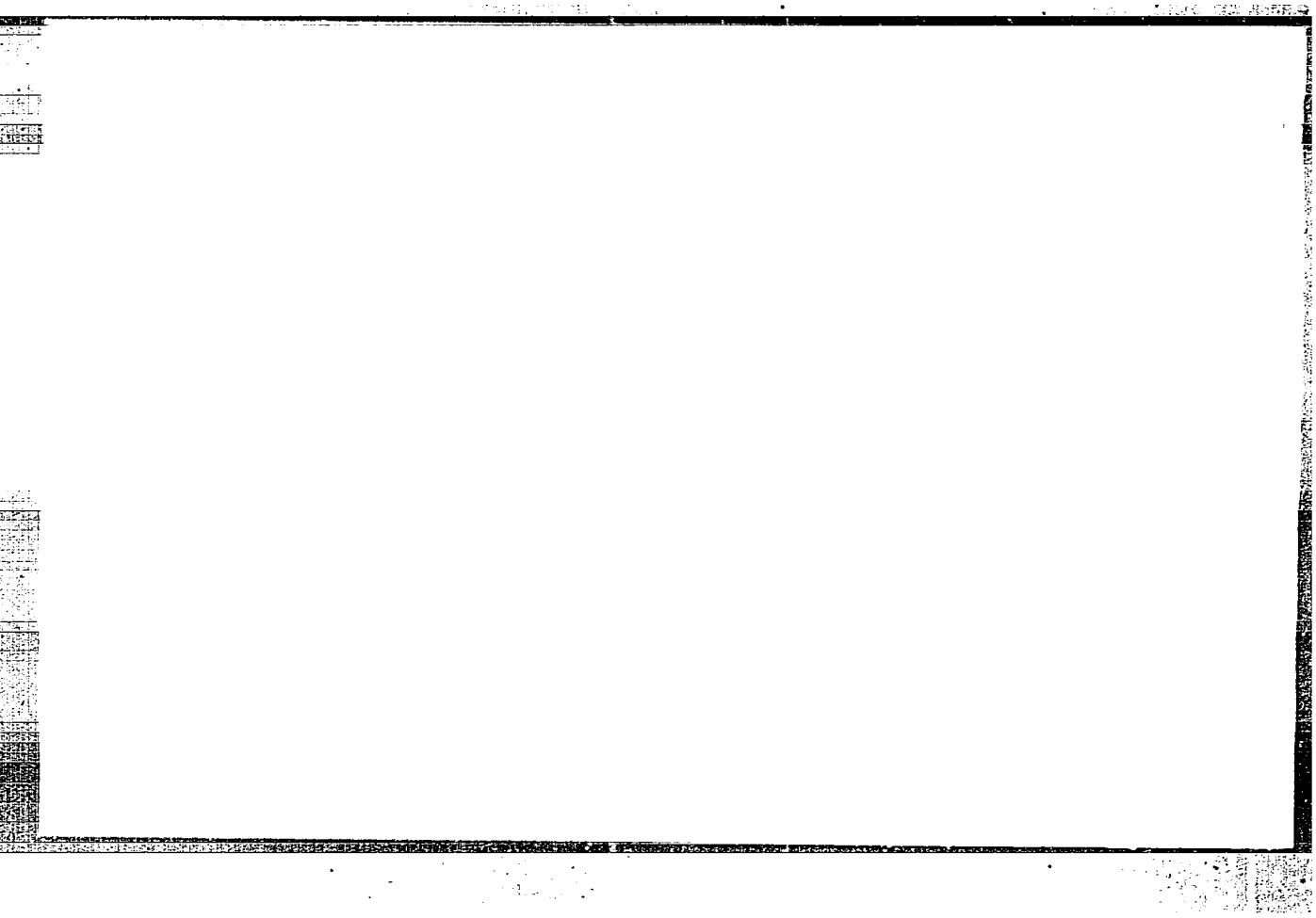
KRYZHANOVSKIY, D. B.

Adaptation of the semidry pressing method for gypsum building components. D. B. Kryzhanovskiy, M. V. Levitina, and N. V. Sudenov. *Sbornik Trudov Resp. Nauch Issledovatel. Inst. Mestnykh Stroitel. Materialov* 1954, No. 6, 189-208; *Referat. Zhur., Khim.* 1954, No. 45762.—The strength of a semidried gypsum product was appreciably greater than that of cast. The expansion of fresh gypsum during setting and hardening depends on its d.; higher d. results in greater expansion. The greatest impact strength had gypsum mixed with 10% slaked lime. Good results were obtained by mixing with the gypsum up to 25% boiler ash or up to 30% fuel slag of 0.15-5 mm. size.

M. Hoch



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920009-5"



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826920009-5"

KRZHEMINSKIY, S.A., kand. tekhn. nauk; KRYZHANOVSKIY, B.B., inzh.; DANILOVA, S.G., inzh.

Effect of properties of aluminum powders on the quality of air-entrained concretes and silicates. Stroi. mat. 5 no.10:31-34 O '59. (MIRA 13:2)

(Air-entrained concrete) (Silicates)

KRZHEMINSKIY, S.A., kand.tekhn.nauk; KAMEYKO, V.A., kand.tekhn.nauk; KRYZHANOVSKIY, B.B., inzh.; LEVIN, M.I., kand.tekhn.nauk; SHUTILO, L.I., inzh.

Technology and basic physical and mechanical properties of autoclaved air-entrained silicate. Sbor. trud. ROSNIIMS no.17:109-129 '60. (MIRA 14:12)

(Sand-lime products)

KRZHEMINSKIY, S.A., kand.tekhn.nauk; KRYZHANOVSKIY, B.B., inzh.

Porous silicate concrete. Stroi. mat. 7 no. 1:19-22 Ja '61.
(MIRA 14:1)
(Lightweight concrete) (Sand-lime products)

KRZHEMINSKIY, S.A., kand.tekhn.nauk; KRYZHANOVSKIY, B.B., inzh.; KAMEYKO, V.A., kand.tekhn.nauk; LEVIN, N.I., kand.tekhn.nauk; BALASHOVA, N.M., inzh.; SHUTILO, L.I., inzh.

The technology and basic physicomechanical properties of air-entrained silicate and air-entrained cinder silicate used as insulating materials. Sbor. trud. ROSNIIMS no.20:36-51 '61. (MIRA 16:1)

(Insulating materials) (Sand-lime products)

KHAVKIN, Lev Moiseyevich; KRZHANOVSKIY, Boris Borisovich; KRZHEMINSKIY, S.A., nauchn. red.

[Sand-lime concrete panels for prefabricated housing construction] Silikatobetonnye paneli dlia sbornogo domostroeniia. Moskva, Stroiizdat, 1964. 242 p. (MIRA 18:3)

KRYZHANOVSKIY, B.N., inzh.

Hydrazine conditioning of boilers. Energetik 11 no.8:4-6 Ag '63. (MIRA 16:10)

KRYZHANOVSKIY, B.N., inzh.

Corrosion of the brass tubes of condensers and low-pressure heaters.
Energetik 12 no.8:7-8 Ag '64. (MIRA 17:9)

Kryzhanovskiy, B.P.

USSR /Chemical Technology. Chemical Products and Their Application I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31528

Author : Kuznetsov A. Ya., Kruglova A.V., Kryzhanovskiy, B. P.

Title : Heating of Glass- and Ceramic Ware by Means of Semiconductor Films

Orig Pub: Zavod. laboratoriya, 1956, 22, No 8, 993-995

Abstract: It is recommended to utilize as the heating element semiconductor tin dioxide. Films consisting therefrom can be produced by treating the heated article with an alcohol solution of stannic chloride or with stannic chloride vapor.

Card 1/3

USSR /Chemical Technology. Chemical Products and Their Application I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31528

Semiconductor films adhere well to the surface of glass, porcelain and other ceramic materials, and are characterized by high mechanical durability and chemical stability. Specific conductivity of a film 1-3μ thick is of about 1000 ohm^{-1} cm^{-1}. As concerns conduction the film is similar to an intermetallic compound. The films are stable to the action of electric fields: they withstand up to 5000 v/cm, current density of up to 30 a/mm^2, wattage of up to 15 w/cm^2. Use of semiconductor films in heating of porcelain beakers, porcelain funnels, quartz crucibles, glass funnels and heaters, made it possible to raise the efficiency to 80-94%.

Card 2/3

USSR /Chemical Technology. Chemical Products and Their Application I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31528

Simplicity of the processes of film deposition, low cost of the starting products and prolonged stability of the coatings, indicate the necessity of their extensive utilization, as heating elements, in various technological fields.

Card 3/3

SOV/180-58-4-15/30

AUTHORS: Kryzhanovskiy, B. P. and Kuznetsov, A. Ya.

TITLE: A Thermally Stable Film of Tin Dioxide and Its Application (Termostoykaya plenka dvuokisi olova i yeye primeneniye)

PERIODICAL: Pribory i tekhnika eksperimenta, 1958, Nr 4, pp 76-77 (USSR)

ABSTRACT: A method is described for producing thermally stable semi-conducting films of tin dioxide on ceramics and fused quartz. In distinction to the films described before which are stable only up to 300-350°C, the thermally stable films do not change their electrical properties up to 800-850°C. The high temperature stability is achieved by the introduction of an antimony impurity and subsequent high temperature processing. Thermally stable semiconducting films may be successfully used as heating elements in laboratory practise and industrial manufacturing processes. There is 1 figure and 7 references, 6 of which are Soviet and 1 English.

ASSOCIATION: Gosudarstvennyy opticheskiy institut (State Optical Institute)

SUBMITTED: October 19, 1957.

Card 1/1

AUTHOR: Kryzhanovskiy, B.F. SOV/57-28-7-20/35

TITLE: On the Conductivity of Semiconducting Tin Dioxide (O provodimosti poluprovodnikovoy dvuokisi olova)

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1958, Vol. 28, Nr 7, pp. 1489 - 1490 (USSR)

ABSTRACT: The electric conductivity of tin dioxide was investigated with different deviations from the stoichiometric composition. The semiconducting tin dioxide was produced by the oxidation of tin monoxide at high temperatures. The initial tin monoxide was produced according to the method by Ditte (Ref 3). The measurements of the conductivity were carried out at pressed samples subjected to a pressure of 1000 kg/cm^2. The electric conductivity of the samples was , depending on the oxidation, within the range of from $2,5 \cdot 10^{-5}$ to $3 \cdot 10^{-7} Ohm^{-1} \cdot cm^{-1}$. The dark conductivity (measured according to the sign) was in all cases dependent on electrons. The results obtained speak in favor of the presence of two kinds of disturbances in the stoichiometric composition of tin dioxide: Either it is caused by the

Card 1/2

presence of monoxide admixtures or by the presence of metallic tin. It is most probable that both disturbances occur at the same time. The experiment also showed that the disturbance of the stoichiometry in tin dioxide causes a far greater conductivity by the additions of atoms of metallic tin than does the disturbance by admixtures of monoxide. The data given prove the assumption made earlier by the author (Ref 7) that a film of semiconducting tin dioxide on glass is a trivalent system SnO_2 - SnO - Sn.

There are 1 table and 7 references, 4 of which are Soviet.

SUBMITTED: March 4, 1957

1. Tin oxides--Conductivity

5(2, 4)

307/80-32-5-42/52

AUTHORS: Kuznetsov, A.Ya., Kruglova, A.V., Kryzhanovskiy, B.P.

TITLE: Films of Semiconductive Tin Dioxide With Raised Conductivity

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol 32, Nr 5, pp 1161-1163 (USSR)

ABSTRACT: Transparent semiconductive films of tin dioxide on glass are widely used in aviation, sea and land transportation, photoelectric and electroluminescent devices, etc. They are prepared by treating glass heated to 600 - 650°C by alcohol solutions of tin tetrachloride, or by treating glass heated to 400°C by vapors of the products of hydrolysis of tin dichloride. The films have a resistance of several hundred ohms. For films of about ten ohms the thickness of the film must be increased, which deteriorates the transparency, or the electric conductivity must be raised. This can be attained by adding pentavalent metal atoms or fluorine atoms. The introduction of NH_4F in the amount of 3 - 10 weight % into a powder of $SnCl_2$ yields best results. Pyrolytic treatment of the glass increases the specific conductivity to $3 \cdot 10^3$ $ohm^{-1} \cdot cm^{-1}$. The film has a thickness of 0.25 μ and a resistance of 10 ohms. Its transparency is improved.

Card 1/2

Films of Semiconductive Tin Dioxide With Raised Conductivity SOV/80-32-5-42/52

There are: 1 table and 5 references, 4 of which are Soviet and 1 English.

SUBMITTED: July 10, 1958

Card 2/2